

STREAM SURVEY SUMMARY

NO#
AREA 103-60-104
103-60-104
STREAM HALF-MILE CREEK

MAP REF. Craig C-4 LAT. 55° 32' 49" N LONG. 133° 02' W
 TRIBUTARY TO Klawock Lake MAIN DRAINAGE Klawock River
 ORIGIN Mtns. north of Klawock Lake LENGTH _____ WATERSHED AREA _____

1. FLOW slow to moderate RANGE _____ cfs VELOCITY moderate AVG. WIDTH 10.5 mile AV DEPTH 10"
 FLOOD HEIGHT _____ COLOR/TURBIDITY _____
2. ACCESSIBILITY On Klawock Lake by boat or from the Klawock-Hollis road 1 mile 10.
3. ACCESS STATUS South Tongass Nat'l Forest.
4. SECTION SURVEYED _____
 TRIBUTARIES _____
One-half mile lower - gravel 80%, sand 20%, boulders higher.
5. BOTTOM TYPE Upper - rubble 80%, gravel 20%, boulders higher. STREAM GRADIENT _____ %
6. POOLS - DESCRIPTION & FREQUENCY Deadfalls across stream create numerous small shallow pools to 3 ft. deep. Frequent along course of stream - 25%. Shelter is afforded by fallen trees and limbs. No good fishing holes seen.
7. BARRIERS No complete barriers seen, though at times deadfalls may block passage.
8. SPAWING AREA Main streamlet is excellent. Above 1/2 mile, spawning area lessens with more boulders & rubble.
9. BANK COVER Intensely to partially shaded w/hemlock, spruce, alder, salmonberry, devils club, vaccinium.
10. WATERSHED TYPE Spruce-hemlock coastal forest, some muskeg drainage Origin in foothills north of lake.
11. FISH SPECIES Silver salmon, suttthroat, Dolly Varden, sculpin from innow traps.
12. FISHING HISTORY None.
13. FISHING INTENSITY None.
14. INVERTEBRATES _____
 ABUNDANCE _____
15. AQUATIC VEGETATION Mosses and algae sparse.
16. WATER USE None.
17. POLLUTION None.
18. REMARKS This is a spawning creek of Klawock Lake; there appears to be little sport fishing opportunity here due to small size and lack of deep pools.

BY Short-Behr

DATE July 16, 1973

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

SUPPLEMENTAL DATA

NAME HALF-MILE CREEK

LOCATION Lawock Lake

LIMNOLOGY

pH 7.2
DO 13 mg/l
CO₂ < 5 mg/l

Tot. hardness 2 grains/gal. CaCO₃
Tot. alkalinity 2 grains/gal CaCO₃

MINNOW TRAPS 24 trap hours

<u>SS</u>			<u>CT</u>	<u>DV</u>	<u>Scul</u>	<u>in</u>
10.1 cm	8.8	8.0	10.4	12.0	6	0
8.1	10.1	9.0	7.9		11	0
9.2	9.1	7.6	11.5		11	5
10.5	10.0	10.1			11	7
8.4	9.3	9.4			9	5
7.5	9.4				10	5
8.7	10.2				9	0
9.5	8.8					

The lower 3/4 mile of Half-Mile Creek separates into a least 4 streamlets. Good gravel beds in 3 provide good spawning area one is silty and very sluggish. The mouth of the main streamlet enters the lake approximately 1/4 mile east of that shown on map. Apparently wind falls were cause of deviation of the main streambed as many shifts in streams course can be seen in the lower stream caused by windfalls blocking normal flow.

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Sample No.	Area	Location	Date Caught			Time Collected	Gear	Hours Fished in 1/1 Hours	Number Caught	
		Sta.	Mo.	Day	Yr.					
1	4	5	7	16	7	3	13	17	18	21

Klamath Lake (Half-Mile Creek)

No.	Spec-ies	Length mm	Weight lbs. tenths		Sex	Maturity	Stomach	Scale	Age
			lbs.	tenths					
24	27	29	33		37	38	39	40	41
	1 S S	9 1						✓	1
	S S	10 2						✓	1
	S S	8 4						✓	1
	S S	9 9						✓	1
	S S	8 1						✓	1
	S S	10 0						✓	1
	S S	8 1						✓	1
	S S	8 4						✓	1
	S S	11 1						✓	1
	S S	8 2						✓	1
	S S	9 9						✓	1
	S S	2 7						✓	1
	C T	10 4						✓	2
	C T	11 3						✓	2
	D V	10 2							
	D V	11 5							

Remarks
.g tag number

25 Oct. 1907
H. J. Allen

Specimens Preserved _____
Collected by _____

12 SS I = 1801
81-111

2 CT = 217
04-113